

**DESIGNING AND DEVELOPING *ISPEAK*: AUGMENTED REALITY
FLASHCARDS FOR SPEAKING ABILITY**

THESIS

Presented to

State Islamic University Syekh Wasil Kediri

in fulfilment of the requirements

for the degree of *Sarjana* in Education Department



By:

Silviana Safitri

22202012

ENGLISH LANGUAGE DEPARTMENT

FACULTY OF TARBIYAH AND TEACHER TRAINING

STATE ISLAMIC UNIVERSITY SYEKH WASIL KEDIRI

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**ENGLISH DEPARTMENT
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STATE ISLAMIC UNIVERSITY SYEKH WASIL KEDIRI
2026**

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Title of Thesis : Designing and Developing *iSpeak*: Augmented Reality
Flashcards for Speaking Instruction

I hereby declare that the thesis and the work presented in it are my own and that it has been generated by me as a result of my own original research. It does not incorporate any materials previously written or published by another person except those indicated in quotations and references. No portion of this work has been submitted in support of an application for another degree or qualification of this or any other university or institute of higher education. Given this, I am the only person responsible for the thesis, in case there are any objections or claims from others.

This thesis is to fulfill the requirements for the degree of Sarjana (S1) in the English Study Program, State Islamic University (UIN) Syekh Wasil Kediri.

Kediri, May 2026

The Researcher



Silviana Safitri

NIM. 22202012

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This is to certify that the Thesis of Silviana Safitri has been approved by the advisor for future approval by the Board of Examiners

DESIGNING AND DEVELOPING *ISPEAK*: AUGMENTED REALITY FLASHCARDS FOR SPEAKING ABILITY

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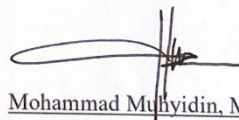
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MOTTO

*And, when you want something, all the universe conspires in helping you to
achieve it.*

(Paulo Coelho)

DEDICATION

First of all, I would like to say my gratitude to Allah SWT, who always gives me His bounties and blessings, so I can finish my thesis.

Secondly, shalawat and salam should always be given to our Prophet Muhammad SAW, who always guides us from the darkness to the light.

I would like to dedicate this thesis to:

I would like to thank my dearest one, myself, who has struggled so far. I love myself so much.

My beloved Father, Suyadi, and My beloved Mother, Yayuk Iswati, thanks for your love, prayer, support, and patience in educating me. You are my strength, and I love you so much, honey. May Allah bless you!

My beloved sisters and brother, Sayyidatun Nafiisah, Alana Yayang Putra Adiguna, and Salma Nahda Zhafira that always encourage, support, comfort, and give love to live. I want to make you all happy and proud of me!

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Furthermore, to all of my beloved friends from Al-Multazam, English Education Department, KKN, PBB Quin Nabila, Avissena and all of my friends whom I cannot mention one by one, thank you for always being part of my journey. Thank you for the support, kindness, laughter, memories, along with the encouragement throughout this process and I will cherish every moment we shared together.

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In conducting this paper, the researcher encountered many difficulties and problems. She has received many valuable and meaningful contributions, suggestions, and guidance from others. Without much help from the following people, she was unable to finish it. The researcher would also like to thank to:

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The researcher realized that the research was still far from being perfect. So, the researcher expected suggestions and comments from all of the readers or other researcher who want to learn about this study. May Allah SWT the most almighty always bless all of us.

Kediri, May 2026

The Researcher

Selviana Safitri

22202012

ABSTRACT

Safitri, Silviana. 2026. “Designing and Developing *iSpeak*: Augmented Reality Flashcards for Speaking Ability”. Thesis, Department of English Language Education, Faculty of Tarbiyah and Teacher Training, State Islamic University Syekh Wasil Kediri. Advisors: (I) Erna Nurkholida, M.Pd., (II) Mohammad Muhyidin, M.Pd.

Keywords: Designing, Developing, Flashcard, *iSpeak*, Speaking.

In the current digital era, technology has become increasingly integrated into English language learning to support more interactive and engaging classroom activities. However, the implementation of technology-based media in speaking instruction remains limited, while many students still experience difficulties in speaking English, particularly in terms of confidence and fluency. As a result, students often have limited opportunities to engage in meaningful speaking practice. Therefore, there is a need for innovative learning media that can support students’ speaking development and encourage active participation in classroom activities. To address this issue, this research aimed to design and develop *iSpeak*, an Augmented Reality (AR)-based flashcard media for teaching speaking abilities to eighth-grade students. his research aimed to design and develop *iSpeak*, an Augmented Reality (AR)-based flashcard media for teaching speaking abilities to eighth-grade students.

This research employed the Research and Development (R&D) method using the ADDIE model proposed by Branch (2009). This model consists of several steps that can help researchers or developers. The steps consisted of analysis, design, development, implementation, and evaluation stages. The research involved 30 eighth-grade students of MTsN 1 Kota Kediri. The data were collected through classroom observation, questionnaires, and expert validation sheets involving material and media experts. The quantitative data obtained from expert validation sheets and students’ response questionnaires were analyzed using percentage calculations and interpreted using qualitative criteria.

The findings revealed that the material expert validation reached 90%, while the media expert validation improved from 89% before revision to 100% after revision, categorized as “Valid”. In addition, students’ responses reached 85.6%, indicating positive perceptions toward the implementation of *iSpeak* in speaking practices. The integration of augmented reality visualizations, useful vocabulary, and guiding topics that helped students participate actively and confidently. Therefore, *iSpeak* is considered appropriate and practical as an augmented reality-based speaking learning media for eighth-grade students.

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